

Serial No. 09/935,675
Docket No. NEC-F105/USA
IDE.006

2

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

1-19. (Canceled)

20. (Currently amended) ~~A method used in a switching node for communications between said switching node and a mobile terminal system, said method comprising:~~

first switching means for inserting and removing a first transcoder in said switching node after said mobile terminal in a first area covered by a first radio network controller (RNC) is moved to a second area covered by a second RNC first switching means;

inquiring of said second switching means for inserting and removing a second RNC about whether compression coding information on a side of said mobile terminal can be changed so that said transcoder can be bypassed transponder in said second switching means;

first radio network controlling means for controlling a first radio network, said first radio network controlling means belonging to said first switching means; and

second radio network controlling means for controlling a second radio network, said second radio network controlling means belonging to said second switching means;

wherein said second transcoder is inserted in said second switching means after a mobile terminal in said first radio network is moved to said second radio network, and

said second switching means inquires of said second radio network controlling means about whether compression coding information on a side of said mobile terminal can be changed so that said second transcoder can be bypassed and removes said second removing said transcoder if said compression coding information is successfully changed.

Serial No. 09/935,675
Docket No. NEC-F105/USA
IDE.006

3

21. (Currently amended) The ~~method~~ communications system according to claim 20, wherein said switching node comprises a mobile switching center (MSC).

22. (Currently amended) The ~~method~~ communications system according to claim 20, wherein said switching node comprises a media gateway server (MGW).

23. (Currently amended) The ~~method~~ communications system according to claim 20, wherein said method is applicable to adaptive multi-rate (AMR) codec.

24. (Currently amended) The ~~method~~ communications system according to claim 20, wherein said compression coding information comprises RFCI (Rab sub-Flow Combination Indicator) information.

25. (Currently amended) The ~~method~~ communications system according to claim 20, wherein said mobile terminal communicates under a transcoder-free operation (TrFO) after a removal of said transcoder.

26. (Currently amended) A communications system, comprising:

a switching node;

a first radio network controller (RNC) that belongs to said switching node; and

a second RNC that belongs to said switching node,

wherein a transcoder is inserted in said switching node after a mobile terminal in a first area covered by said first RNC is moved to a second area covered by a second RNC and

Serial No. 09/935,675
Docket No. NEC-F105/USA
IDE.006

4

said switching node inquires of said second RNC about whether compression coding information ~~on~~ of a side of said mobile terminal can be changed so that said transcoder can be bypassed and removes said transcoder if said compression coding information is successfully changed.

27. (Previously presented) The communications system according to claim 26, wherein said switching node comprises a mobile switching center (MSC).

28. (Previously presented) The communications system according to claim 26, wherein said switching node comprises a media gateway server (MGW).

29. (Previously presented) The communications system according to claim 26, wherein said communications system is applicable to adaptive multi-rate (AMR) codec.

30. (Previously presented) The communications system according to claim 26, wherein said compression coding information comprises RFCI (Rab sub-Flow Combination Indicator) information.

31. (Previously presented) The communications system according to claim 26, wherein said mobile terminal communicates under a TrFO after a removal of said transcoder.

32-37. (Canceled)

Serial No. 09/935,675
Docket No. NEC-F105/USA
IDE.006

5

38. (Previously presented) A communications system, comprising:

switching means for inserting and removing a transcoder in said switching means;
first radio network controlling means for controlling a first radio network, said first radio network controlling means belonging to said switching means; and
second radio network controlling means for controlling a second radio network, said second radio network controlling means belonging to said switching means,
wherein said transcoder is inserted in said switching means after a mobile terminal in said first radio network is moved to said second radio network and said switching means inquires of said second radio network controlling means about whether compression coding information on a side of said mobile terminal can be changed so that said transcoder can be bypassed and removes said transcoder if said compression coding information is successfully changed.

39. (Canceled)